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TITLE : ANTIREFLECTION FILM

ABSTRACT : PURPOSE: To form an antireflection film effectively preventing electrostatic charge by laminating plural thin-film layers on the surface of optical parts and forming a part of the above layers into a thin transparent conductive film.

CONSTITUTION: Two or more thin-film layers are laminated on the surface of optical parts, such as lens, and at least one layer is composed of a thin transparent conductive layer. Further, as a material for the thin transparent conductive film, In_2O_3 , ITO, SnO_2 , ZnO , etc., are used, and, as a material for another layer to be used together with the above thin film, MgF_2 , SiO_2 , Al_2O_3 , TiO_2 , etc., are used. By this method, the antireflection film having a function of preventing the electrostatic charge of optical parts can be obtained.

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